

the CANNON

March 2, 1982

University of Toronto Engineering Society

Vol. IV, No. 7

Where Have All the Job Offers Gone?

by Staff of the Career Counselling and Placement Centre

Background

Back in September, it looked like it would be a record year judging from the number of companies booked to interview 1982 grads. Hence, the Career Counselling and Placement Centre looked forward to an all-time high number of offers to be made to graduating students.

Based on this information and on articles in the media, students felt that they could afford to be choosy and submit applications to only a few of the companies looking for their specialty, or hold out for a better offer.

But shortly after Christmas, the recruiting situation seemed to change.

Anticipated second interviews failed to materialize for some students. For others, the mailman just wasn't bringing that expected job offer. In at least one instance, an employer wrote to all students who received job offers before Christmas, and who had not yet accepted, rescinding the offers.

It became clear to the Career Counselling and Placement Centre staff that this was more than a few isolated incidents and so, in January, we asked the discipline reps to explore the situation through a sampling of the fourth year class.

The findings, as well as an exploration of the situation on other university campuses and a phone survey to employers, made it clear that the economic situation at the end of 1981 and in the early part of 1982 was indeed having an adverse effect on the recruitment activity for 1982 graduates.

What Does It All Mean?

Should you give up and cry...pick the Career Counselling and Placement Centre...send off letters to the media...for leading you to believe that the world was yours for a UCPA form?

No, of course not! We are not saying that there are no engineering jobs out there! There are. What we are saying is that this crazy hiring binge seems to have levelled off for a while and activity seems to have returned to normal (pre 1980-81 recruiting levels).

For those of you who are still holding job offers and haven't made up your minds — you had better do it fast! For those who have yet to receive an offer,

you had better begin supplementing the On-Campus Recruitment Programme with your own job search. And for those of you who have not yet begun to look — get going!

What the Career Counselling and Placement Centre is Doing

There is very little that the staff at the Career Counselling and Placement Centre can do about the economic situation which is affecting us all. What the staff can do though is to make sure that you know how to go about conducting a professional, individual job search which includes: preparing a resume and covering letter, learning excellent interview skills, and knowing how to contact prospective employers. If this sounds as if it's a lot of work, you're right. But you are talking about your first job in your profession, and as a professional, you should be going about a professional job search.

We will also keep on top of the employment situation. In April, we will be contacting all of the employers who took part in the On-Campus Programme, reminding them that there are still some grads available if they still have vacancies or if the economic situation changes. Also make yourself aware of the other services the Career Counselling and Placement Centre has to offer new university grads.

What You Should be Doing

1) If you are interested in seminars on resume writing, covering letters and/or job

search techniques submit your name, telephone number, discipline and information required to the Engineering Society Office (Employment Committee Mail Box or speak to Ella).

2) If there are companies you wish us to market, please let either the Engineering Society or this office know.

3) And lastly, please keep us informed of your employment status. It is most important for us to have an accurate picture on the employment situation for any sort of programme planning we may do for the rest of this year and next. You can do this by just letting us know and/or responding to any surveys you may receive from us.



Brett Calder, Co-chairman of the OEDC committee, appears elated at the prospect of the competition's much awaited arrival at U of T.

Eng Soc Hosts OEDC '82

Students Design for the Future

Several months of planning, organizing, and plain hard work will see fruition this weekend as the Engineering Society hosts the third annual Ontario Engineering Design Competition. The event runs March 5th and 6th at University College.

The Competition will involve more than 60 undergraduate engineering students from Ontario universities. They will be competing for awards and cash prizes of up to \$500. Many important businessmen and engineers from industry, government, and academia will

serve as judges for the event.

Entrants will compete in one of four categories. Two categories involve classical engineering design, while the other two emphasize the engineer's ability to explain and advise on complex technical problems. These latter categories involve the presentation of a seminar.

Brett Calder, Sean Gregorio, and Ira Rotenberg, the principals of the OEDC organizing committee have been involved in planning the event since early summer. The logistics involved in such a competition are quite complex, and the competition budget is well over \$20,000. There have been entrants, guests, and judges to accommodate and feed, equipment and supplies to arrange, and rooms to book. The committee has developed a major effort to the event.

The Competition is fast becoming a major annual event among engineering schools in Ontario. The OEDC was founded at Queen's University in 1980. Last year, Waterloo hosted the event. This year's effort by the U of T Engineering Society means that the event has been staged by the three largest engineering schools in the province. Corporations have taken notice, and many have become involved as patrons and sponsors of the event. Some have also submitted design problems for the Corporate Design category, seeking solution by the entrants.

The quality of entries in the competition is also quite impressive. Two University of Windsor students designed a pay-TV encoder system and won the Entrepreneurial Design category in last year's Competition. They sold the rights to their design for \$100,000 to a communications firm.

Designs entered in OEDC '82 include a 'hypertrike' for self-powered urban travel, a computer music system, a home satellite signal receiving system, a microprocessor-controlled robot, and a computerized voice recognition system.

Entrants in the communications categories will be discussing nuclear fusion, industrial waste management, research and development in Canada, and technology transfer to the third world, among other topics.

The exhibits and seminars will be running from 7 to 10 p.m. on Friday, March 5, and 9 a.m. to 6 p.m. on Saturday, March 6, in the East and West Halls, and the Media Room of University College. The public and especially students from all faculties are warmly invited and there is no admission charge. Today, these people are students in competition. Soon, they will be the leaders in Canadian industry and technology. Why not come to OEDC '82 and see what they can do!

This Month

Elections

Yes, this is the month in which Engineering Society elections, Hart House elections and SAC elections occur. This time there are two tickets running for the executive Eng Soc positions. Read the candidates' statements. ... page 4,5

Special Incidental Fee

The Dean's special proposed incidental fee of \$100 per student goes to a referendum held concurrently with the Eng Soc executive election. Dean Slemon discusses his position with a student. page 6,7

Yearbooks on Sale

The yearbook is almost finished (really) and looks good. The books will be available before the final exams. Order a copy now from your class representative; don't miss out on what promises to be an excellent book of memories.

the CANNON

Editorial Offices

3rd Floor, Old Metro Library
20 St. George Street
University of Toronto
Toronto, Ontario
M5S 2E4 978-5377

Editor

John Samochin

Staff Photographer

Ofer Pittel

Contributors

Bill Mark

Steve Roberts

Randy Sinukoff

John Voss

ISSN 0711-4370

THE CANNON is a publication of the University of Toronto Engineering Society. It is published monthly to announce Eng. Soc. events, discuss Faculty and University matters, and present technical information of interest to Engineering undergraduates. Subscriptions are available, call Ella at 978-2917. Anyone interested in helping with THE CANNON is most welcome.

THE CANNON encourages submissions; please type or write legibly. Deadline for articles is one week before publication date, notices and letters by 5:00 p.m. the Friday prior to publication. Comments on THE CANNON or articles appearing in it are appreciated. The editors reserve the right to edit letters for brevity.

Communication in Engineering

Not Spontaneous Generation

by Randy Sinukoff
Chem Eng 8T2

It can be said that in general that because each student enrolled in Engineering pays his or her good, hard-earned money in order to receive an education each year, an education is what he or she should get. Obviously, there may be discrepancies with respect to whether or not we are getting what we pay for, but it's the things that are offered for free and not taken advantage of that are currently the cause for question. This may seem a round-about way of introducing one in the continuing series of talks about getting involved in extra-curricular Engineering activities, but as a student in fourth year, I really have become aware of the need for "Something else" in addition to the "Be-all-and-end-all of university: marks".

Communication is essential to each person living on this earth. Even a child must communicate, albeit in a more crude fashion than an engineer, to survive. As we progress through our Engineering education, we seem to shun those "artsie" courses (non-techs, in other words), writing them off as easy credits, although usually finding out that they can be more difficult than many of the others. Why do we have this attitude? Why aren't we using these courses to better our communication skills? Many of you reading this editorial might be considering moving onto another article in this paper by now, quick to label this author as a foolish, misguided artsie. But think about it. How many job applications have you sent in so far this year? How many interviews have you received? How many offers? Obviously, com-

municating effectively both written and verbally is not the only quality needed for an interview, but I can assure you, if your skills are well honed, your chances for a job increase tenfold. Employers look for individuals who speak well, write well and can contribute to their company. A technical expert is nice, but what good is he or she if all their ideas are locked inside their head? Further, communication in the public sector is becoming so increasingly important for engineers that the acceptability of an industrial project can hinge on the clear, concise, dissemination of information to society as a whole. This burden is frequently borne by engineers due to their natural technical background.

Anyway, what this all boils down to is the fact that we, as students, do not realize that if we don't learn to communicate now, in a relaxed, less formal atmosphere, we'll just have to do it later, when our jobs depend on it. So many avenues are open in Engineering where experience can be gained. We should be actively looking for such opportunities. One specific example is this newspaper that you're reading now, the CANNON is four years old. It is currently serving an immense need in this faculty for information circulation. It is vastly understaffed. Why, I cannot tell you. I've been trying to answer this question since the paper's inception in 1978. Similar, if not as serious predicaments face each of the other Engineering publications. It's so easy to go home each and every day and shrug off the burden as if it wasn't your responsibility, and directly it is not. But indirectly, the inactivity of many of U of T's Engineering students might

To the editor

It's the spring of the year, and the minds of the Class of 8T2 have, for the most part, turned to thoughts of the good life that awaits beyond the final exams in April. Visions of well-deserved holidays in Europe or the sunny south dance in many heads, while conversation centres on whether one really cares about hack seat room in a sports coupe. I must admit that I have entertained some similar thoughts, but I've been thinking of some more serious things, too.

Later this week, the Engineering Society will be holding a referendum on whether or not to pay a \$100 per student fee to the Faculty to subsidize shortfalls in the equipment and supplies budget. It occurs to me that as fourth year students, we have a unique role to play in this referendum.

As senior students, we have perhaps the best picture of the effects underfunding have had on our Faculty and our University. We have experienced four years of out-dated equipment and over-crowded labs. We've

had summer jobs and are aware of whether the education the Faculty can afford to provide us is sufficient for us to function in today's industrial world. We are, without a doubt, in the most knowledgeable position to cast a realistic vote in the referendum.

Nevertheless, we must exercise caution. The simple fact is that the referendum is not binding on us — we won't be here next year (with, perhaps, a hit of luck).

Given this situation, there will be a number of fourth year students who won't vote because what happens next year is of little concern to them. I consider it unfortunate that they feel that way. Also, there will be a group that feels the \$100 incidental fee is probably necessary, and will vote in favour, secure in the knowledge that even if the referendum passes, they won't be out a cent. I deplore this hypocritical attitude.

It is not my purpose in this letter to counsel fourth year students to vote yes or no in the referendum: that's entirely their decision. But I do ask them to think about this University and this Faculty. I ask them to consider, as I have, what they might owe this place for the education and knowledge they've received. I hope that they give thought to the fact that what they have gained here has made it possible for them to graduate in these difficult economic times being reasonably assured of an interesting and challenging career, and a good salary. I ask them to consider what must be done to ensure that the University can continue to provide this

opportunity to the engineering undergraduates who will follow us.

If you are in fourth year, and plan to vote in the referendum, I thank you in advance for expressing your valuable opinion. If you plan to vote yes, I trust that you will put your money where your mouth is and be ready to support your Faculty and University as an alumnus or alumna with financial contributions to the Varsity Fund.

Regardless of the outcome of the referendum vote, it is clear that we are all in debt to this University for the opportunity and knowledge it has provided us. One hundred dollars is less than two days' salary for a young engineer. That's not a big sacrifice. U of T has at least 20,000 living engineering alumni; two million dollars could go a long way. Next year, my cheque will be in the mail. I hope yours will be, too.

John Voss
Chemical Engineering
Class of 8T2

Alan Gahtan is currently in his fourth year of attendance at the University of Toronto. He is the first year Engineering Faculty Council representative for Group G.

Dear fellow engineering students,

We have suffered long and hard and continuing to suffer because of university budget cuts. Our Faculty members' hands are tied. They can only do so much. They are already paying an ever increasing percentage of their research income. It's time for us to rally together and show the University and the government that we require more financial support.

The government has requested that this faculty expand its graduate enrollment. This is a request which will benefit society more than the student. It is presently not feasible financially to continue to the graduate level. Would it be unfair to request additional funding from industry and government? How about a larger share of the University budget? I would like to try to improve the situation.

I'm running for Governing Council. I'm asking for your support now and pledge to support you and our fellow professional students. I studied business before coming to Engineering and would like to apply my knowledge and experience for our collective good. I'm a firm believer in democratic representation and pledge to bring you a chance to provide input to decisions affecting us all. The election closes on March 16th. If you do not wish to mail your ballot, then it can be dropped into the ballot box at the Governing Council office (Room 116) in Simcoe Hall (adjoining Convocation Hall).

Please vote. Every vote is important. We are the largest professional faculty and it would be a shame if we did not get representation on the Governing Council because of student apathy.

Yours sincerely,
Alan Gahtan

Individual Votes

In the next three weeks, you as engineering students will be subject to a series of elections. There are both Hart House and SAC elections but most importantly there is the selection of next year's Engineering Society executive. Many of you may scoff and say that the election means little, since the Eng Soc will probably continue in the same manner as it has in the past. Maybe it will.

But whether or not the Society works depends a great deal upon the executive. Depending on the executives' outlook and their interpretation of the Engineering Society's goals and direction, a lot may change within a year. The five elected executives oversee and direct the annual Eng Soc budget of nearly \$60,000. Not a trivial task. As members of the Engineering Society, you should demand the distribution of funds to its best possible advantage. As well, you should demand the best possible people get into each of the elected positions to make the Society the best it can be.

All of the people running in this election have sat on the Engineering Society Council, and all know each other. A good executive could be formed from many combinations

of the candidates. But because slates of tickets have had a tradition of winning as a whole, there have been two slates drawn up instead of ten individuals running. Even though they have made up tickets, each person remains an individual and should be considered on individual merit. Sure it's nice when close friends get elected into office with you, but the overall betterment of the Engineering Society must come first.

Monday, Tuesday and Wednesday of this week candidates will be visiting your classes. This will be the only time many of you will be able to talk with the candidates and get their opinions on the issues facing engineering students today: the incidental fee, higher tuition, larger women's enrollment, obsolete laboratory equipment and the image of engineers on campus. On Thursday, March 4th and Friday, March 5th make an informed decision as to your choice for the 1982-83 Engineering Society executive. And don't forget that along with the Eng Soc executive election, you will be also voting in a general referendum on the special proposed incidental fee question. These elections decide how you will spend \$122 next year: it's up to you.

Elections: In the Public's Eye

by Alan Kasperski
First Year Chairman

Election time....the hot dog gulping, the backslapping, the baby kissing, the glad-handing, the coy refusal to cast one's hat (or toque) into the ring, the back-room meetings, the hushed conversations, the whistle stopping, the speech making, the making of promises (to be broken later), and finally the voting. But more about the triviality of voting later.

The attractions of politics are manifold, one being its theatre. "Politicians" play roles that are larger than life and not their own. At any moment, they are giving a studied imitation of someone better or more interesting than they are themselves. Or they are enhancing their own public image. They read or hear that they are forthright, sincere, sober, uncompromising, and so they feel obliged to seem so. All this is an interesting thing to watch and even a more interesting thing to participate in.

A second source of interest is that politics has come to resemble football, baseball, intermediate Engineering hockey or any other spectator sport. One develops a commitment to the play and to the outcome. And in politics the rankest amateur (or even a Flrosh) participating therein is allowed to believe himself an accomplished professional (or even a fourth year Civil). CANNON reporters will listen with suitable awe and even slacker jaw as the candidate outlines strategies that only remotely support belief as he speaks unblushingly of "what the Engineering voter really wants" (beer, less problem sets, beer, more labs, nurses—male or female—pick one only, marks for attendance,...). Politics

requires reporters to seem impartial, and this, reinforced by normal mental lethargy, means that they don't get into the important issues like increasing fees, quality of education, Skule spirit, free beer, or reviving the tradition previously so prevalent at the U of T. Instead, they deal with questions of candidate personality or deviant perversions; certainly all excellent muck-raking topics but of little real interest to that almost extinct being—the conscientious voter.

For a participant, politics is also psychologically therapeutic. Being combative, it is a solvent for aggression. One can say things about others to an appreciative(?) audience that normally would be reserved for private comment. This improves personal behaviour.

Possibly you have noticed that I have stressed the participatory aspect of the political process. With the Engineering Society elections upcoming, it is to you, the general undergraduate population of Skule, that I aim this slightly irreverent piece about the elections. Your responsibility is simple. You have only to decide who will speak for you and represent you on campus on all manner of issues for the coming academic year. When the Dean asks the student body to each contribute a \$100 gesture for the quality of their education, he seeks your consent through your representatives—the Engineering Society. When the Women's Commission voices its Nth complaint about the much maligned T'ike 'ike, who bears the burden of these scurrilous attacks—the Engineering Society.

So, when the various candidates come canvassing your support, consider what they have to say, ask them thought-

ful questions about issues that are important to you (not what they think of Moosehead Ale, what colour the SAC dome should be next year, or whether the Leafs should be replaced by Godiva's Crew—a Flrosh hockey team?).

Consider their answers carefully, choose whom you

believe to be the best person or ticket to represent you next year, and then on Thursday, March 4th or Friday, March 5th get out to the Galbraith or Old Metro Library buildings and vote for them.

Finally, with all else in politics, there is the thought that you are helping to make

Skule a more enjoyable place to earn your iron ring. From this comes a pleasantly exaggerated sense of accomplishment which may help to buoy your spirits when you get the results from your latest midterm, problem set, or rabbit test.

But whatever you do, get involved and VOTE!

Engineering Alumni Athlete



Photo by Ben Fobler

Jim Thomson presenting Judith Vosko with her award. The Award is presented bi-monthly to an Engineering Undergraduate for their high involvement and outstanding performance in intramural athletics. Nomination forms are available from Ella, the Engineering Society secretary, in the Eng Soc offices.

Judith Vosko is in Eng Sci 8T4 and she won her "S" last year. This year, Judith was a member of the women's championship basketball team. She is the volleyball commissioner and also plays football.

Jim Thomson is a graduate of Mining Engineering 4T8 and is a past president of the Engineering Alumni council. At Skule, he won his "S" and is very pleased to see engineering undergraduates participating and excelling in athletics.

EAA Exec Positions Open

The time has come for a change of faces in most student organizations. Election posters are springing up all over. The EAA is no exception.

The only position in the Engineering Athletic Association that the student body votes for is that of "President". Voting will be held in conjunction with the Eng. Soc. elections. In the recent past, the position has been acclaimed. The other positions are appointed by the outgoing executive. If you are interested in any of the positions described below, write a letter to Dale Kerr, the present president and leave it in her mailbox in the Stores. It doesn't have to be long and formal. Just outline your interests and why you want the position. The deadline is Friday, March 19.

Here are the descriptions of the positions available:

Secretary-Treasurer

The secretary-treasurer is responsible for balancing the EAA books, filling out cheque requisitions, and taking and keeping up-to-date the minutes of EAA meetings. The secretary-treasurer is also the equipment manager.

Directors

The men's and women's directors are responsible for keeping in touch with the intramural council (which they are part of) and standing committees and therefore are

Engineering's main representatives at the interfaculty level.

The publicity director is responsible for writing articles for the CANNON or Toike, making up occasional displays, posting schedules, and coordinating the photo schedule for the yearbook. Posters for individual sports are the responsibility of the particular commissioners.

The positions of Director of Tournaments has not yet been finalized. If this position does not materialize, it will be the responsibility of the men's and women's directors to organize tournaments such as in volleyball and hockey amongst the engineering disciplines.

Commissioners

The commissioners positions are listed elsewhere in this CANNON. The commissioners are to attend all EAA meetings, put up posters, enter interfaculty teams and attend all standing committee meetings for the particular sport. The commissioner should choose a manager for each team, distribute uniforms and equipment and prepare a short report for each EAA on the teams' progress. At the end of the year, a report should be prepared, including a budget and season summary. It would be helpful if you already play the sport and have played for Engineering before, although this is not a strict restriction.

Besides the above positions, any applications for coaches and managers will be welcome.

Skule Skiers Dominate

by June Li
EAA Publicity Director

At the interfaculty ski meet at Horseshoe Valley before Reading Week, Engineering skiers put in a very strong showing. Out of a field of 133 skiers, 22 were from Skule. In the "experienced" men's division, Engineering teams took the top two places. In individual standings, Mike Fullom was second and Eugene Trusler was fourth. Engineering also came in second in the Novice men's team category. In the women's division, Kathy Dumanski placed first in Novice skiing and the team was fifth.

The winter sports season is not over yet and we might still have a few more winners. One of them is the women's inner-tube waterpolo team. They have not lost a game in two years and are strongly favoured to repeat as champions. The men's waterpolo team is not doing as well as had been hoped. They appear to be out of the playoff scene.

Women's squash I is very strong and have an excellent chance of winning. Teams II and III, although not as strong, have a chance in the playoffs.

With few losses this year, the Senior engineering basketball team is doing well. They, as well as Junior Engineering A, are in the playoffs. In hockey, the Senior Engineering team will certainly make the playoffs, while the Junior team is doubtful.

Don't forget the S-Dance. It is being held at the Chelsea Inn on Friday, March 12. Pick up your free tickets at the Engineering Stores. There will be a live band and a complimentary buffet.

Communication

continued from page 2

reading, and are active in some other aspect of Skule, keep up the good work. The more that you contribute, the more you'll gain from your four years in Engineering. For the rest, the opportunity to further your education by practicing communication skills is upon you. Writing one article or helping design a layout for a poster or newspaper doesn't cost anything. Saying that time is money is just a cop-out because it will cost you more many years from now. This contribution to your education can be seen as being experience given out for free. Not only that, you might just have some fun (Oh no!) while you're at it. I hope that this message has been of some use. At least it has for me.

the
**Engineering
Society
Presents**

The President
of the Natural Sciences and Engineering Research Council

Dr. G.M. MacNabb

to speak at the
**Wallberg Building
Room 116
12:30 to 1:30 p.m.
Thursday, March 11**
A question period will follow

The following is a statement prepared by the candidates themselves for Engineering Society election purposes. Views expressed are not necessarily those of the CANNON or its staff.

For the Most Experienced and Spirited Executive

Once again, you are faced with the task of electing a capable and spirited executive. An executive with experience and with the capacity to maintain spirit, as well as promote, and represent the engineering population. These qualities are essential to an effective executive. For the most experienced and spirited executive, elect Wayne Levin, Vince Volpe, Peter Weick, Andrew Alberti and Rhea Plosker as your representatives.

Wayne Levin
President

Coordination of the Engineering Society's affairs and being the official representative of the engineering student body is the prime function of the President. Wayne Levin has been involved in a wide variety of engineering related efforts. For instance, Levin wrote an article for the CANNON outlining his criticisms and objections concerning the editorial policy of *The Varsity*. Speaking for the engineers is a prime function that the President must undertake effectively.

One of the activities which Wayne, as the Social Committee Chairman undertook involved directing Shinerama '81. A new event was added to promote this year's campaign: the Bed Race. It promoted the

health rivalry which exists between disciplines and was presented not only to hundreds of University of Toronto on-lookers, but also to the entire nation through media coverage.

Wayne Levin's involvement was not limited to the social side of Skule. He also took part in the Industrial Curriculum Committee in 1980-81, the Faculty Council (1981-82), the Professional Development Committee under Vince Volpe, the Blue and Gold Committee under Peter Weick, as well as directing corporate communications for the Ontario Engineering Design Competition (OEDC), and the last three productions of Skule Nite.

As President, Wayne Levin is capable and willing to do what is necessary to let the public know that engineers carry a sense of self-esteem and enthusiasm that they can be proud of. Wayne's background and knowledge of Engineering Society affairs make him an excellent candidate for President of the Engineering Society in 82/83.

Vince Volpe
Vice-President: Administration

The responsibilities of the V. P. Administration includes presentation of the Engineering Society budgets, administration



Depicted are, back row, left to right: Andrew Alberti, Wayne Levin, Rhea Plosker. Front row, left to right: Peter Weick, Vince Volpe.

of both the constitution, and the day to day affairs of the Eng. Soc. Vince Volpe has the necessary experience in ad-

ministrative affairs, and the enthusiasm to competently cover the duties of the V. P. Administration.

Vince's experience began in high school, where he was involved with the student council executive for four years. This experience culminated with the position of president in his last year there.

As a member of the Class of Civil 8T3, Vince has been involved with the Civil Club in a variety of ways: as a representative on the Engineering Society Council, and Chairman of the Professional Development Committee. His involvement in Engineering Society affairs includes being a member of the Blue and Gold Committee. He has also been involved in this year's Ontario Engineering Design Competition.

Vince's administrative ability has been tested, and proven capable. He is proud of the reputation engineers have as active students at this university, and will do all he can to continue the tradition upon which this reputation is based.

Elect Vince Volpe for Vice-President: Administration. The Engineering Society needs a man like him.

Peter Weick
Vice-President: Activities

The Vice-President of Activities coordinates and executes many of the Engineering Society's functions. It is a demanding job which requires a great deal of time and devotion.

As the present Blue and Gold Committee Chairman, Peter Weick inspired Skule spirit and pride through his efforts in such activities as Ski day, pubs, the homecoming float parade including the Engineering float, and Godiva Week among others.

Godiva Week was a good indication of Peter's organizational capacity. In order to promote Skule Spirit, Peter added to Godiva Week many interesting and innovative events. These included the boat races (also known as the "Fluid Mechanics Seminar"), where fourteen teams took part as well as a large turn out of spectators. Along with that the Common Room Marathon and Godiva's Resurrection made Godiva Week the most successful in recent memory due largely to the new spirit raised from these new events.

Peter also ran several pubs. Again each one was a success. His careful planning and effective advertising techniques ensured lots of spirit at the pubs, and also turned them into profitable ventures while maintaining reasonable prices.

The highest and most demanding function of the V. P. Activities is to organize Orientation Week. For next year, Peter has developed a new approach which he would like to implement. The plan is to assign orientation committee members to a group of Frosh. The idea being to give a more personal introduction to Skule.

With Peter Weick as your V. P. Activities, you will be guaranteed an eventful year which will include a three day Oktoberfest. On March 4th and 5th, vote Peter Weick for Vice-President: Activities.

Andrew Alberti
Treasurer

The position of Treasurer of the Engineering Society requires someone with experience and ability in both the finances and the administration of the Society. Maintaining the

Continued on page 5



A Capable and Experienced Executive

The capable team comprised of Margie Bawden, Barry Levine, Bruce Christie, Gus Rinella and Debbie Fletcher know that the University of Toronto Engineering Society plays an important role in the academic and social life of the engineering student. At times, students have lost contact with their Society. This determined group feels that much more communication between the Society and its members, the students, is required in order to improve the effectiveness of the Society. The combined effort and involvement of the entire executive will be necessary to achieve this goal.

The experience and spirit demonstrated by these candidates is needed to give the Engineering Society new direction. On March 4th and 5th you have the opportunity to put such a group in office. Elect Margie Bawden, Barry Levine, Bruce Christie, Gus Rinella and Debbie Fletcher.

for the judges of the Homecoming parade. She also sits on various committees on the Engineering Society, including the Women's Committee and the SPIF (Special Proposed Incidental Fee) Committee.

Margie Bawden has shown a keen interest in the Engineering Society and possesses the experience and leadership qualities that make her a good choice for President.

Barry Levine Vice-President: Administration

Barry Levine, now in his second year, has been actively involved in the Engineering Society from the outset of his attendance at U of T. This year as Treasurer, he has gained the kind of experience necessary to be a successful administrator of the Society's business. Being Treasurer requires particularly good organization, and Barry has certainly demonstrated his competence in this regard. In

President of Administration.

Bruce Christie Vice-President: Activities

The Vice-President in charge of activities for your Engineering Society is principally responsible for the organization and promotion of events which will provide brief recesses from your demanding academic pursuits. The position requires sensitivity to the desires of all engineering students who wish to "be involved". We already have a sound basis of activities run by the Engineering Society, and most of those who attend have a great time. The challenge facing the V. P. of Activities is to supplement these events with a variety of activities which will attract students who do not come out to Eng. Soc. events. Once these events have been planned, the V. P. Activities must see that they are advertised around Engineering

The following is a statement prepared by the candidates themselves for Engineering Society election purposes. Views expressed are not necessarily those of the CANNON or its staff.

Ontario Engineering Design Competition entrant, Gus has shown a commitment to the Society that is rarely seen in a first year student. He has also been involved in events ranging from Nursing Raids to organizing the first year pub.

The management of funds is not new to Gus, as he has been a treasurer before. His two years as the Academic Chairman of his high school's student council saw him directing debating and Reach for the Top teams, organizing Science Olympics and participating in local, regional and national science fair teams. His involvement was recognized last year when Ontario Hydro selected him as the student that best combined leadership and scientific abilities in the province.

In all his endeavors, Gus has shown that he is easy to approach and strives to help when problems arise. Through his leadership and interest, Gus Rinella has shown he can do the job. Give him the chance to do it.

result, she was directly involved in seeing that there was a first year chariot in racing condition on the field. The responsibility of being a second year Faculty Council representative extended to attending the examinations committee meetings as a student representative. As well, she was actively involved in forming the Special Proposed Incidental Fee (SPIF) Committee recommendations for presentation to faculty and students.

As a member of the Varsity Rowing Crew and as a captain of the U of T Figure Skating Team, Debbie has worked very closely with people in group situations, and has had experience representing these teams on the U of T Excellence Committee. She has also enjoyed playing Engineering Women's squash and recreational basketball.

The experience that Debbie can bring to the Society makes her an excellent choice for the position of secretary.

The experience and Spirit of these five individuals speaks for itself. As members of the Engineering Society, it is your responsibility to elect a capable executive. On March 4 and 5, elect Margie Bawden, Barry Levine, Bruce Christie, Gus Rinella and Debbie Fletcher.

Debbie Fletcher Secretary

Debbie Fletcher's experience comes from a variety of sources. She represented her class as the Engineering Society representative in first year. As a



Presented here are, standing, left to right: Debbie Fletcher, Barry Levine, Gus Rinella, Bruce Christie. Seated, Margie Bawden.

Margie Bawden President

The President is a coordinator of Engineering Society activities as well as the student representative to the public and other campus groups. Margie Bawden has represented her class over the past three years on the Faculty Council and the Mechanical Department's Staff/Student Council. This past year, Margie has been the Secretary of the Engineering Society. These positions have given her an understanding of Faculty and Engineering Society activities. The President must be able to communicate effectively with others and to carry ideas to completion. Margie has developed these skills and uses them well.

Margie is involved in many athletic and Society activities. She is a member of the Engineering Women's Hockey team and a player on an inter-faculty broomball team. Last fall Margie was involved in Orientation and acted as a host

in addition to his duties as Treasurer, Barry assisted this year's V. P. Admin. in the preparation of budgets and made a point of keeping up on Society business. Being conscious of the financial aspects of the Society, Barry set out to ensure that the activities of the Society were under budget. Working at pubs, he ensured that they would not lose money as many have in the past. In fact, being in his position meant that he helped with many activities, such as Orientation, Shinerama, Homecoming and Godiva Week.

In his first year, Barry was Chairman of the First Year Committee and was awarded the Engineering Society Centennial Award for his outstanding contributions. Barry's chairmanship of the First Year Committee means that he has been on both full Council and the Executive for two years, so he is certainly no stranger to the workings of the Society. Barry's experience shows that he has the necessary qualifications to be Vice-

in order that students will know, throughout the year, that their Eng. Soc. is working for them.

Bruce Christie has played an active role in the Engineering Orientation program and Godiva Week activities for the past two years. He is involved in several class teams including the hockey and basketball teams, and is a member of the LGMB. Bruce is anxious to combine his experience at organizing community events (ranging from blood donor clinics to dances) with his knowledge of Engineering activities to make the coming school year even more exciting than the past one.

Gus Rinella Treasurer

The Treasurer's position requires responsibility, organization and communication. Gus Rinella is capable in all these respects. As a class representative to Faculty Council, as a member of the CANNON staff, and as an

Levin Presidential Ticket

continued from page 4

books and providing input into the preparation of the budgets are the treasurer's main priorities. A good treasurer, however, involves himself in a much broader area.

Andrew Alberti's background and experience make him the most suitable candidate for Treasurer. He is fully trained in the area of financial and accounting procedures. He has also been an active member of the Engineering Society during his two years in Engineering. He served his class as Faculty Council Representative then as a Student Administrative Council (SAC) Director, and finally as a member of the Executive Committee of both the Engineering Society, and the Faculty Council as Executive Faculty Council Representative. He was also a member of the SAC Finance Commission where he was involved in controlling the finances. Next year Andrew Alberti wishes to bring the enthusiasm, leadership and experience to bear as Treasurer of the Engineering Society.

Rhea Plosker Secretary

The Secretary performs organizational duties, as well as recording and maintaining ac-

curate records of affairs connected with the Engineering Society. Rhea Plosker is an active and informed member of the Society. She is a class representative, sitting on both the Engineering Society and the Faculty Council and is a member of the SPIF (Special Proposed Incidental Fee) Committee. Indicative of Rhea's eagerness, she took on the dangerous task of riding the first year chariot in the Godiva Week Chariot Races. Rhea also did an excellent job with her involvement in the Social Committee of the Engineering Society, as well as being a standing member of the Faculty Council Social Committee. Skule Nite '82 benefitted as well from Rhea's public appeal.

Again a combination of experience and enthusiasm makes Rhea Plosker the most qualified candidate for the position of the Engineering Society.

This unique group of candidates share several things in common, the most important of which are experience, and enthusiasm, both of which are generated through their Skule spirit. It cannot be emphasized enough as to the importance of experience in an executive. On March 4th and 5th elect Wayne Levin, Vince Volpe, Peter Weick, Andrew Alberti, and Rhea Plosker for a prosperous and energetic 1982-83.

WHY PAY \$100 MORE?

by Michael Nettleton
Ind Eng 8T2

At the end of this week, a couple of important questions will have been decided. One of them is the result of the Eng Soc election. The other is the result of the incidental fee referendum.

It has been a full three months since Dean Slemmon originally proposed the fee to the Eng Soc Council. This special incidental fee, you might recall, is worth \$100.00. If it is implemented, it will be above and beyond all fees expected of an Engineering student. The decision whether or not to adopt the fee rests entirely with the students in our Faculty.

That means you. After considerable discussion at all of its levels, the Eng Soc Council has decided to approve the fee. But that does not mean that you will pay this extra fee next year.

It does mean that all Engineering students will have a chance to decide whether or not we wish to pay this extra incidental fee. This decision will be reflected by the outcome of the incidental fee referendum.

Ideally, it would be great if every student in this Faculty would vote in the referendum. To be able to vote in the referendum, though, you ought to know a few background facts first.

So, if I have your attention, I would like to fill you in on a few matters concerning the fee.

Where did this fee come from, anyway?

The financial situation in this Faculty is just short of ahysmal. Valuable programs have degenerated significantly; some have even been dumped entirely. The accreditation of the Faculty as an Engineering degree granting body is being threatened.

And why?

Because we are receiving far too little funding. Funding for the University from the provincial government is inadequate. And it won't be getting any better. Funding for the Faculty from the University decreases in real terms every year. And it cannot get any better.

Although there are other sources of financial support, these are just beginning to grow. Earlier this year, it was suggested that a drastic action by the students might spark these sources to provide more income for the Faculty.

Dean Slemmon has estimated that the shortfall next year in supplies, expenses, and teaching assistants alone will be about \$500 per student. And so he has asked students to contribute \$100 each toward this figure.

What good will the fee do?

Currently, the level of financial support provided by our alumni is hardly what it might be. The average alumnus who donates, donates about \$50.00. Dean Slemmon hopes to use the special student fee as an example of how dire the situation really is. The amount of the fee will also provide a hench mark for how much we really need from each alumnus.

And the fee will become a good bargaining point for the other sources, too — for in soliciting donations from other people, it will be said that the situation is so poor that the students are taking matters into their own hands.

The \$100 fee from each student will be really just a drop in the bucket. But our bucket is empty, and that drop will be heard. That one drop will mark the beginning of a greater flow from the other sources: from alumni and from industry.

But is the situation really so bad?

The situation is dire.

Visit any laboratory in this Faculty. See those HP oscilloscopes over there? They don't work any more. Those Weston voltmeters still work, but they cannot measure in small enough units. Hey! See that big thing over there? It hasn't worked for so long that no one even knows what it was supposed to do.

Have you ever wondered why you must take drafting (pardon me, "Engineering Graphics") when most design in the business world is done on graphics-equipped computer terminals? Ever wondered why there were twenty people in your last materials science lab, all crowded into a tiny room

and around a tensile strength tester, all trying to see a tiny little crack? Ever wondered why you always seem to have lab demonstrations, instead of lab experiments?

Everyone knows horror stories about the inability of the Faculty to provide adequate practical experience. The Skule of Practical Science is fast becoming a Science Prep School, and its graduates won't get hands-on experience until they enter the work force.

If the ever get hired.

Imagine trying to get a job as a computer systems analyst, when you haven't ever used a computer.

Does that sound exaggerated? Sure, you've got plenty of experience running WATFIV using punched cards on HSJS... Sorry, that isn't good enough. Nobody uses punched cards anymore, except maybe to make silly Christmas wreaths.

If that sounds exaggerated to you, just tell me how often you have used a minicomputer. No? Then how much experience on a microcomputer? None there either. No, it's not exaggerating by very much — and in a few years, it won't be an exaggeration at all.

But if everything is already so bad, how will it ever change?

The situation around here has a good chance of getting better, if we act — and if we act fast.

If we provide the Faculty with this fee (and don't worry — there's no way anyone will try to take it from us) we will be providing the chance to open up truly substantial sources of funds — support from alumni, and from business.

On Thursday and Friday, you have a chance to make your voice heard. All you have to do is go to a polling location, and cast your vote in the referendum.

That's all a fine argument — but tuition fees have been increased by over 12 percent. I'd like to vote for the fee — but how can I afford it?

The total amount that tuition fees will increase next year, for Engineers, will be about \$150.00. Add the incidental fee, and that becomes \$250.

Over seventeen summer weeks of work of forty hours each, that works out to 37¢ per hour.

There is still an excess of necessary funds at both the Faculty and the University as a whole, so that those who really can't afford it will be able to get assistance.

Dean Slemmon has stated that although Engineering students may be rowdy when we let off steam, we still are serious enough about having a decent education that we are willing to make this contribution in spite of our admittedly limited financial resources. The Eng Soc Council agreed, but still considered the matter thoroughly before making any judgement.

If you agree with this fee, we need your support in the referendum. Voting turnouts in Engineering are usually quite high, so we need solid support to make ourselves heard.

And we won't be getting any more chances.

University of Toronto Engineering Society Temporary Incidental Fee

Proposed Agreement

as amended and approved by the Engineering Society Council, Tuesday, January 26, 1982

Preamble:

On behalf of all full-time students registered in the Faculty of Applied Science and Engineering, The University of Toronto Engineering Society proposes that a temporary incidental fee be levied upon all full-time undergraduate students registered in the Faculty of Applied Science and Engineering, subject to the following ten provisions:

Provision 1:

The amount of the temporary incidental fee shall be \$100 per year.

Provision 2:

- The term of the temporary incidental fee shall be a maximum of three years, subject to the provisions of revocation as specified in provision (7b).
- The three possible years of the term shall be the school years 1982-83, 1983-84, and 1984-85.

Provision 3:

The temporary incidental fee shall be reviewed, as specified in provisions (4), (5), (6), and (7), in each Spring Term by the Engineering Society Council.

Provision 4:

The procedure for review of the temporary incidental fee shall consist of:

- Student-faculty discussion of the use of the temporary incidental fee in the committee as defined in provisions (5) and (6).
- A presentation to the Engineering Society Council by the Committee defined in provisions (5) and (6).
- A review vote by the Engineering Society Council to re-approve the fee. The review vote is a vote to reconsider and shall require a two-thirds majority vote to be defeated.

Provision 5:

The Special Committee of the Engineering Society Council to review the temporary incidental fee shall consist of:

- The Dean of the Faculty of Applied Science and Engineering.
- The eight Department and Division Chairmen of the Faculty of Applied Science and Engineering.
- Eight members of the Engineering Society Council, representing the eight Departments and Divisions of the Faculty of Applied Science and Engineering.
- The First Year Chairman of the Engineering Society Council.
- A student appointed by the Engineering Society Council to chair the Special Committee.

Provision 6:

The Special Committee of provision (5) shall meet before the review vote of the Engineering Society Council, and the student members of the Special Committee shall report back any and all concerns of the Engineering Society Council to a meeting of the Special Committee held after the review vote of the Engineering Society Council.

Provision 7:

The temporary incidental fee shall cease to exist either:

- After the three years specified in provision (2), or
- In the years following failure of the review vote by the Engineering Society Council as specified in provision (4c).

Provision 8:

The temporary incidental fee shall be used for supplies, equipment, and teaching assistants in courses taught by the Faculty of Applied Science and Engineering for its full-time undergraduate students.

Provision 9:

The temporary incidental fee shall be collected by the University of Toronto with all regular fees, as long as the temporary incidental fee shall exist, and shall be passed directly to the Faculty of Applied Science and Engineering.

Provision 10:

The nature and implementation of this agreement is absolutely contingent upon all of the preceding provisions.

Engineering Athletic Association

Executive Positions Now Open

Secretary- Treasurer
Director of Men's Athletics
Director of Women's Athletics
Director of Tournaments
Commissioners

Co-ed
Skiing

Men's

Women's

Soccer Valleyball
Faatball Rugger
Hackey Lacrosse
Basketball Squash
Aquatics

Soccer Aquatics
Faatball Valleyball
Hackey Squash
Basketball

For further information, read the
explanatory EAA article in this CANNON.

Applications for managers and
coaches are also welcome.

Address applications to the EAA President,
Dale Kerr, and deposit them in the mail box in the
Engineering Stores.

Deadline: Friday, March 19, 1982

Dialogue with Dean Slemon

by Michael Nettleton, SPIF Committee Chairman

with Gordon Slemon, Dean of Engineering

In response to question students have been asking regarding the proposed \$100.00 incidental fee for supplies, equipment, and teaching assistants, SPIF Committee Chairman Michael Nettleton conducted the following interview with Dean Slemon. The interview is presented in a question-and-answer format to highlight topics of interest to students.

the CANNON: Most students agree that the Faculty is in need of more money. They also realize that the revenue to be produced by this incidental fee will be small in relation to the amount the Faculty actually needs. What is the greatest source of funds among the money-raising ventures of the Faculty?

Dean Slemon: Appeals to alumni of the Faculty raise the greatest amount of money for the Faculty. Donations from our Alumni tend to arrive near the end of the year. In the fall we will be conducting a campaign to increase the level of donations provided by our alumni. We will be stating the need of the Faculty, and emphasizing the students' concern in providing an extra fee. We will be promoting the notion that this is a special occasion requiring a 'large' donation. In the past, alumni who donate have provided an average of about \$50 each. We will suggest that \$100 is an appropriate amount for donation — after all, an alumnus can afford it more easily than can a student! There are over 20,000 alumni of our Faculty, and they are one of our most valuable resources.

the CANNON: How can alumni make their donations to the Faculty? Do they donate through the Engineering Alumni Association, or through the overall Varsity Fund? If their donations are through the Varsity Fund, how does the donation ultimately manage to reach our Faculty?

Dean Slemon: Although the donation campaign will be conducted through the Faculty and our Alumni Association, donations are made through the Varsity Fund. The Varsity Fund covers all alumni of the University. Alumni can designate where they wish their money to go, and most of our Alumni designate this Faculty. We are taking steps to ensure that donations from our alumni which are not designating will eventually reach the Faculty.

the CANNON: One of the other sources of funding to the Faculty is money from companies. Aside from funding of direct research, how does money from the business world find its way into our Faculty?

Dean Slemon: In addition to contract research, there are two sides to our approach

directed at companies. Companies do make major donations to faculties, but our approach in this area is coordinated with the University as a whole. This promotes a single, unified appeal for assistance. There are several proposals for major funding currently in the works. The other side of this area is a membership program which we have devised. We are setting up Special Interest Groups within the Faculty. Companies are invited to join these Special Interest Groups. In return for their membership fee, companies will receive services from the Faculty. The major portion of the fee (about three-quarters) will fund independent research and generally support the Faculty. The major advantage of this program is that the fee is an expense to a company, and as such does not interfere with a company's donation budgets.

the CANNON: What are some of the other money-making ventures of the Faculty?

Dean Slemon: One of the other ventures is contract education. We have recently entered a contract with King Saud University in Riyadh to deliver educational services. We expect to have a net income with this project. Another venture is the Continuing Education Program. Although it certainly is a worthwhile community service, it is definitely not an income drain.

the CANNON: Of these sources of revenue you have mentioned, which do not provide monet directly to the Faculty? In other words, does the University intercept any of the money in these programs?

Dean Slemon: Alumni donations, contract education revenue, and special interest group fees are received entirely by the Faculty. There is some overhead which goes to the University from contract research, and business donations are controlled by a committee of the Governing Council.

the CANNON: There have been some concerns raised by students in Geological Engineering that many of their courses are taught outside of the Faculty. They perceive that the extra fee they may pay will subsidize other Engineering disciplines more than their own. Is this the case?

Dean Slemon: The fund generated by the incidental fee is to be spent on the students' behalf, by whatever unit of the University provides their instruction. This may occur in two ways: the first, by direct transfer of funds; the second, by paying for teaching assistants on behalf of Engineering students. In direct transfer the money will be given to the Department Chairman to spend as necessary. In the other case, we are often required to pay for teaching assistants in courses primarily in the Division of Geology and the Division of

Engineering Science. Although the exact procedure for dispensing the fund has yet to be determined, I can assure you that the procedure will be evenhanded. Essentially, we will provide for all four years, wherever our students happen to be.

the CANNON: One of the concerns often raised by students is that Engineering seems to lose more in budget cuts than other faculties. The direct question is: do we subsidize other faculties, or do they subsidize us?



Gordon R. Slemon, Dean of the Faculty of Applied Science and Engineering. He discusses the special incidental fee with concerned student, Mike Nettleton.

Dean Slemon: There is no consistent and direct relation between the amount of money the Faculty receives from tuition fees and the number of students paying those fees and the amount of those fees. We simply receive a lump sum which is only a portion of the total tuition paid by a student. The rest of the fee goes to 'overhead' in the University. It is difficult to tell whether we are money-losers or money-winners, although I suspect we are in the latter position. Administration in Engineering is very efficient at this University — perhaps we are too efficient. Basically, Engineering provides a source of income for the University.

Dean Slemon: No Engineering Dean has ever refused to make cuts. You can always make cuts, but this is always at the sacrifice of either quality or programs. We would never refuse to do what must be done. I am put off by such pressure

the CANNON: Still, Engineering is not keeping up as much as other faculties. Our students are saying that Engineering is being squeezed more because we 'make do'.

the CANNON: Still, Engineering is not keeping up as much as other faculties. Our students are saying that Engineering is being squeezed more because we 'make do'.

Dean Slemon: It is difficult to make a solid case for that. But it is true that we 'make do'. For example, in Arts and Science, first year classes are very large and fourth year classes are very small. In contrast, classes in Engineering are fairly large and remain uniform. We are comparatively well organized, and our students progress through the Faculty in predictable units. Our system is more consistent, and it is easier to tighten up our administration when the system

isn't completely subjected to students' choices. We just find ways of adjusting our costs.

the CANNON: This adjusting of costs is precisely what worries Engineering students. I am reminded of a situation which occurred at the Governing Council last year, when Dean Kruger and his associates at the Faculty of Arts and Science threatened to refuse to administer their budgets, if they were forced to accept budget cuts. Essentially, they just threw up their hands and said, "Hey! But you can't do that to

tactics — they are irresponsible. We cannot hope to avoid deficiencies any more — we find these deficiencies generally everywhere, either in terms of people, or in terms of equipment.

the CANNON: Often the responsibility for the shortfall in teaching personnel is forced upon the teaching assistant, to take up the slack in certain courses. As well, first-year math courses overflow with teaching assistants while higher year courses suffer without any. Perhaps more reasonable allocation of teaching assistants could avoid such a disparity.

Dean Slemon: This is something that student input can help us to correct. It is true that certain departments at the University manage to have a greater array of staff, but in general we have all felt the pinch in recent years. In the last six to eight years, the work of teaching assistants has been categorized at about 100 hours per course assignment. This works out to about four hours per week per course. It is not fair for a professor to overload a teaching assistant. Teaching assistants who are forced to straddle the fence between students and professors must remember that they are only expected to do so much work. They cannot expect to be compensated for being too thorough.

the CANNON: In the agreement for the incidental fee, we have provided for a committee to transmit students' concerns directly to the Dean and the Department Chairmen. We realize that there are other channels for this feedback, but certainly such a direct method as this can only help.

Dean Slemon: I certainly agree. We always welcome discussion from students about student concerns.

SAC Elections Arrive

As of this writing, there appear to be two presidential tickets in the Students' Administrative Council (SAC) race. One is headed by present Erindale Student council president Tim van Wart while the other is led by Michael Martin, student representative on Governing Council. Martin's ticket includes a third year engineering student, Clarissa Brocklehurst of Civil 8T3 outlined some of her ticket's platforms for the CANNON.

"We feel that SAC has been too political in the past," she said, "and got involved in ineffectual activities. Our ticket believes SAC should be a more services oriented organization." She added that the Martin ticket has a 'Spirit Action

Commitment' consisting of such innovations as Point/Counterpoint panel discussions to foster debate and the interchange of ideologies in a University atmosphere, stronger liaison to the community around U of T, an Employment Market Needs Survey to determine where industry needs lie (for later year course specialization), encouraging more women to enter professional faculties, and stronger support of U of T school spirit.

"Engineers have often had a very poor relationship with SAC, but with an engineer as a vice president, relations between SAC and the Eng Soc can only improve," said Ms. Brocklehurst.

NOTICE

The Faculty Office has received numerous complaints about students entering the Sandford Fleming Building without authorization. Please keep out of the building while it is being reconstructed. Further unauthorized entrances will be treated as trespassing and dealt with accordingly.

Engineering This Month

Tuesday, March 2 to Wednesday, March 3 Election Campaigning

Look for Engineering Society election candidates as they travel from class to class. Be ready with questions so that you can make an informed vote.

Wednesday, March 3 Hart House Elections

Once again, the 'Hart of the Campus' has its annual elections. Help Chemical engineering in their bid to run Hart House efficiently for all U of T students to enjoy. Polls are open 11:00 a.m. to 7:30 p.m. in the Arbor Room and Map Room.

Engineering Society Executive Meeting

All Engineering Society executives please attend a brief meeting at the Hart House South Sitting Room, 5:00 p.m. If you're there on time and salivate when the bell rings, refreshments will be served.

Thursday, March 5

OEDC Organizational Meeting
If you were planning on attending the Ontario Engineering Design Competition (OEDC) as more than an observer, you may like to represent the Engineering Society in the spotlight of OEDC '82. Why not volunteer your services as an OEDC host or hostess? Those interested should contact Ella in the Engineering Stores or attend a brief meeting 5:00 p.m. at the Stores.

Thursday, March 4 to

Friday, March 5 Engineering Society Elections and Fee Referendum

There will be two ballots this year, one for the Eng Soc executive selection and another asking whether the special \$100 incidental fee has your support. Polls are open in the Galbraith building lobby and in the Old Metro Library cafeteria, 9:00 a.m. to 5:00 p.m. Get out and vote!

Friday, March 5

Rites of Spring Pub

This traditional event will be held once again to celebrate the end of elections, the selection of a new executive, and the rebirth of Spring. Be at the Wilson Hall Snack Bar to hear the latest election results after perusing through the OEDC displays at University College.

Friday, March 5 to

Saturday, March 6

OEDC at U of T

This is it! Finally! The On-

tario Engineering Design Competition (OEDC) is being held at University College in the East and West Halls, with Communication seminars in the Media Room. Check the schedule in this CANNON, go to the competition and see what engineering students are capable of; maybe get some ideas for next year! The public is invited, no admission fee, and competition times are Friday 7:00 p.m.-10:00 p.m. and Saturday, 9:00 a.m.-5:00 p.m.

Monday, March 8 to

Tuesday, March 9 Second and Third Year Elections

Now that a new executive has been elected, class representatives must once again be chosen. You must realize that your class representative is your direct link to the Engineering Society. Choose the best person for the job.

Thursday, March 11 Professional Development Speaker

This month, the Engineering Society and Professional Development Committee have arranged for Dr. Gordon MacNabb, President of the Natural Sciences and Engineering Research Council (NSERC), to speak on engineers' relationship to society. He will be at the Wallberg building, room 116 at 12:30 p.m. until 1:30 p.m. A question period will follow.

Industrial Engineering Smoker

All Industrials are invited to attend. The fun starts at 4:00 p.m. in Rosebrugh 207. Be there for beer, pizza, and "more"!

Friday, March 12 S-Dance

The annual EAA S-Dance will be held at the Chelsea Inn (at Bay and College). Admission is free, but pick up a ticket from Ella in the Engineering Stores. There will be a buffet and live band. Fun? Wow!

Toike Writing and Construction Seminar

Yes, contrary to popular demand, the Toike hasn't died; it's just gone into hibernation. Once it gets across the border, it should resurface SOON after this date (so say the NEW editors). But this is the student body's last chance to help; if we don't get a good number of people out, we will be forced to shelve the Toike permanently. Be at the Engineering Stores at 5:00 p.m.

Wednesday, March 17 Joint Council Meeting

This is the big council meeting where the present executive formally transfers power to the new executive of the Engineering Society. This is an important and often interesting meeting. BE THERE. Note that the joint council meeting does not necessarily mean that there will be twice as many refreshments as usual. Remember, no smoking.

Wednesday, March 17 to Thursday, March 18 SAC Elections

Okay, so who cares, right? Well you should because SAC runs many services used by all students at U of T including engineers. The SAC president does make a difference and your selection could make SAC Sac less, so vote. I won't kill you, and remember that last year's SAC election was won by only 104 votes. Every vote counts!

Saturday, March 20 Grad Ball

Yes! For the Class of 8T2 it is the end of four (at least) hard years of work! This is your dance; come and celebrate your graduation amid festivities and congratulations! The ball will be held at the Harbour Castle Hilton. See your club chairman for tickets at an almost reasonable \$80 per couple; ticket price includes a sumptuous dinner with wine.

COME TO OEDC '82

Entrepreneurial Design, East Hall, University College
Corporate Design, West Hall, University College
Displays open during all hours of competition

Communication Seminars, Medio Room, UC

All seminars last one hour, including questions and a short intermission.

Friday, March 5

7:00 p.m. Industrial Waste Management, Daryl C. F. Wilson (editorial)

8:00 p.m. Research and Development in Canada, Lynette Allison Fairweather, Nikolai Bilaniuk (editorial)

9:00 p.m. Designing For Society: A Policy to Increase the Practicing Engineer's Effectiveness, Robert Poisson, Bruce Tanaka (editorial)

Saturday, March 6

9:00 a.m. National Policy for Science and Technology, Eugene Krushelnicky (editorial)

10:00 a.m. Transfer of Technology to Third World Nations, Nicholas A. C. Mumford (explanatory)

11:00 Energy: Public Concerns, Risks, and Hazards, Greg Evans, Robin Augustine (explanatory)

12:00 p.m. Nuclear Fusion: The Infinite Energy Source of the Future, Alan B. Kasperski (explanatory)

1:00 p.m. Defining Technology: The Responsibility of the Engineer, Bill Nickle, Mike Belanger (editorial)

2:00 Industrial Robots and Society, John D. Wells, Bruce W. McCulloch (explanatory)

3:00 p.m. The Diagnosis of Atherosclerosis, Joseph B. Facca (explanatory)

4:00 p.m. The Technology Involved in the Communication between Man and Cetacean, John Pbyper, Peter Bortolin (explanatory)

FREE ADMISSION.

Public Welcome

COME TO THE 'RITES OF SPRING PUB
and welcome the arrival
of spring



WILSON HALL SNACK BAR, NEW COLLEGE
FRI, MARCH 5 AT 8



call for 'Labatt's Blue'